

## ABSTRACT

### METHOD FOR ITERATIVE DETERMINATION OF DISTANCE BETWEEN RECEIVING STATION AND TRANSMITTING STATION AND ALSO CALCULATING UNIT, COMPUTER SOFTWARE PRODUCT AND DATA CARRIER

Information received by a calculating unit via a signal from a transmitting station to a receiving station is provided with a code, a number of integral multiples of the code coming into the receiving station during the signal transfer time that the signal requires to travel between the transmitting station and the receiving station. During a first iteration, the number of integral multiples of the code is calculated and the calculated number is used at least in a second iteration without a fresh calculation being carried out.